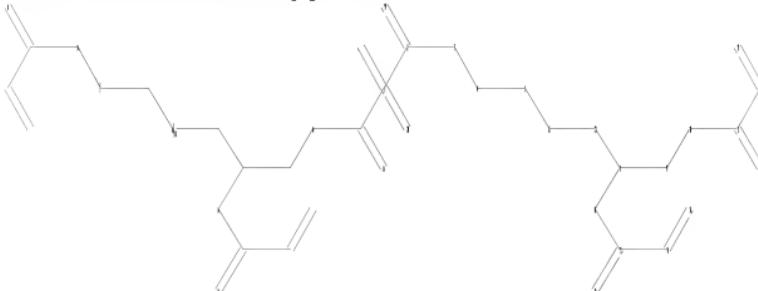


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REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>
Uploading C:\Documents and Settings\mpepitone\My
Documents\ChemDraw\10562239\gly4t.str



ring/chain nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21
ring/chain bonds :
1-20 1-2 2-3 2-19 3-4 4-5 5-6 6-21 7-9 7-8 7-21 8-13 9-10 10-11 11-12
11-17 12-18 13-14 13-15 14-16
exact/norm bonds :
1-20 1-2 4-5 7-9 7-21 11-12 12-18 13-14 14-16
exact bonds :
2-3 2-19 3-4 5-6 6-21 7-8 8-13 9-10 10-11 11-17 13-15

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS
10:CLASS 11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS
18:CLASS 19:CLASS 20:CLASS 21:CLASS

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FULL SEARCH INITIATED 11:52:43 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 1041749 TO ITERATE
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100.0% PROCESSED 1041749 ITERATIONS 154 ANSWERS
SEARCH TIME: 00.00.05
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```
L2 154 SEA SSS FUL L1
```

```
=> file caplus
COST IN U.S. DOLLARS          SINCE FILE      TOTAL
                               ENTRY        SESSION
FULL ESTIMATED COST          187.80       188.24
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USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2009

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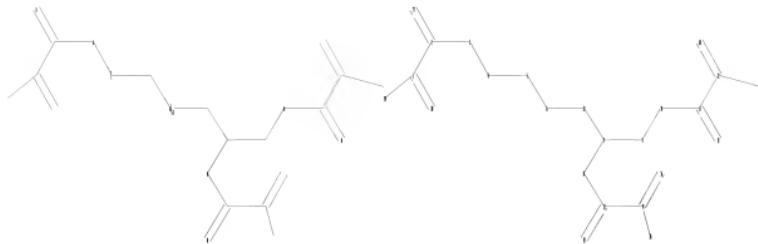
<http://www.cas.org/legal/infopolicy.html>

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```
=> s 12
L3 81 L2
```

```
=> d ibib abs hitstr 1-
YOU HAVE REQUESTED DATA FROM 81 ANSWERS - CONTINUE? Y/(N):y
```

```
L3 ANSWER 1 OF 81 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2009:1104840 CAPLUS
DOCUMENT NUMBER: 151:339333
TITLE: Polyfunctional acrylate polymer radiation-curable hard
coatings with good transparency and scratch resistance
and resin films coated with them
INVENTOR(S): Sakai, Masaru
PATENT ASSIGNEE(S): Sanyo Chemical Industries, Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 16pp.
CODEN: JKXXAF
```



```

chain nodes :
24 25 26
ring/chain nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21
chain bonds :
1-24 12-25 14-26
ring/chain bonds :
1-20 1-2 2-3 2-19 3-4 4-5 5-6 6-21 7-9 7-8 7-21 8-13 9-10 10-11 11-12
11-17 12-18 13-14 13-15 14-16
exact/norm bonds :
1-20 1-2 4-5 7-9 7-21 11-12 12-18 13-14 14-16
exact bonds :
1-24 2-3 2-19 3-4 5-6 6-21 7-8 8-13 9-10 10-11 11-17 12-25 13-15 14-26

```

```

Match level :
1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS
10:CLASS 11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS
18:CLASS 19:CLASS 20:CLASS 21:CLASS 24:CLASS 25:CLASS 26:CLASS

```

L4 STRUCTURE UPLOADED

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FULL SCREEN SEARCH COMPLETED - 981172 TO ITERATE

```

100.0% PROCESSED 981172 ITERATIONS
SEARCH TIME: 00.00.05

23 ANSWERS

L5 23 SEA SSS FUL L4

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COST IN U.S. DOLLARS		ENTRY	SESSION
FULL ESTIMATED COST		185.88	832.46
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)		SINCE FILE	TOTAL
CA SUBSCRIBER PRICE		ENTRY	SESSION
		0.00	-66.42

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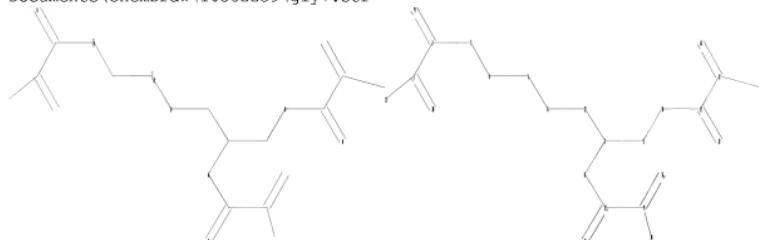
=> s 15
L6 22 L5

=> d ibib abs hitstr 1-
YOU HAVE REQUESTED DATA FROM 22 ANSWERS - CONTINUE? Y/(N):y

L6 ANSWER 1 OF 22 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2008:336313 CAPLUS
DOCUMENT NUMBER: 150:215015
TITLE: Synthesis of poly(sorbitan methacrylate) hydrogel by free-radical polymerization
AUTHOR(S): Jeong, Gwi-Taek; Lee, Kyoung-Min; Yang, Hee-Seung;
Park, Seok-Hwan; Park, Jae-Hee; Sunwoo, Changshin;
Ryu, Hwa-Won; Kim, Doman; Lee, Woo-Tae; Kim, Hae-Sung;
Cha, Wol-Seog; Park, Don-Hee
CORPORATE SOURCE: School of Biological Sciences and Technology, Chonnam National University, Gwangju, 500-757, S. Korea
SOURCE: Applied Biochemistry and Biotechnology (2007), 137-140, 935-946
CODEN: ABIBDL; ISSN: 0273-2289

<http://www.cas.org/support/stnngen/stndoc/properties.html>

=>
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Documents\ChemDraw\10562239\gly7.str



chain nodes :
22 23 24
ring/chain nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21
chain bonds :
1-22 12-23 14-24
ring/chain bonds :
1-20 1-2 2-3 2-19 3-4 4-5 5-6 6-21 7-9 7-8 7-21 8-13 9-10 10-11 11-12
11-17 12-18 13-14 13-15 14-16
exact/norm bonds :
1-20 1-2 4-5 7-9 7-21 11-12 12-18 13-14 14-16
exact bonds :
1-22 2-3 2-19 3-4 5-6 6-21 7-8 8-13 9-10 10-11 11-17 12-23 13-15 14-24

Match level :
1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS
10:CLASS 11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS
18:CLASS 19:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS 24:CLASS

L1 STRUCTURE UPLOADED

=> s 11 sss full
FULL SEARCH INITIATED 12:58:23 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 981172 TO ITERATE

100.0% PROCESSED 981172 ITERATIONS
SEARCH TIME: 00.00.07

23 ANSWERS

L2 23 SEA SSS FUL L1

=> file caplus
COST IN U.S. DOLLARS
FULL ESTIMATED COST

	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	186.84	187.06

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=> s 12
L3 22 L2

=> d ibib abs hitstr 1-
YOU HAVE REQUESTED DATA FROM 22 ANSWERS - CONTINUE? Y/(N):y

L3 ANSWER 1 OF 22 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2008:336313 CAPLUS
DOCUMENT NUMBER: 150:215015
TITLE: Synthesis of poly(sorbitan methacrylate) hydrogel by free-radical polymerization
AUTHOR(S): Jeong, Gwi-Taek; Lee, Kyoung-Min; Yang, Hee-Seung; Park, Seok-Kwan; Park, Jae-Hee; Sunwoo, Changshin; Ryu, Hwa-Won; Kim, Doman; Lee, Woo-Tae; Kim, Hae-Sung; Cha, Wol-Seog; Park, Don-Hee
CORPORATE SOURCE: School of Biological Sciences and Technology, Chonnam National University, Gwangju, 500-757, S. Korea
SOURCE: Applied Biochemistry and Biotechnology (2007), 137-140, 935-946

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 19 OCT 2009 HIGHEST RN 1189088-37-6
DICTIONARY FILE UPDATES: 19 OCT 2009 HIGHEST RN 1189088-37-6

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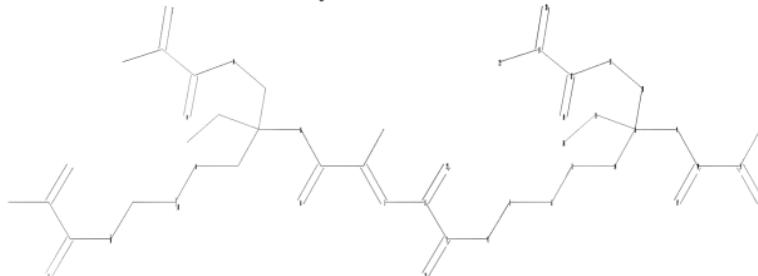
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ring/chain nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23
24 25 26
ring/chain bonds :
1-2 2-3 2-23 3-22 3-4 4-5 5-6 6-7 7-24 8-10 8-9 8-24 8-25 9-14 10-11
11-12 12-13 12-19 13-20 13-21 14-15 14-17 15-16 15-18 25-26
exact/norm bonds :
1-2 2-3 2-23 5-6 8-10 8-24 8-25 12-13 13-20 13-21 14-15 15-16 15-18
25-26

exact bonds :
3-22 3-4 4-5 6-7 7-24 8-9 9-14 10-11 11-12 12-19 14-17

Match level :
1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS
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18:CLASS 19:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS 24:CLASS 25:CLASS
26:CLASS

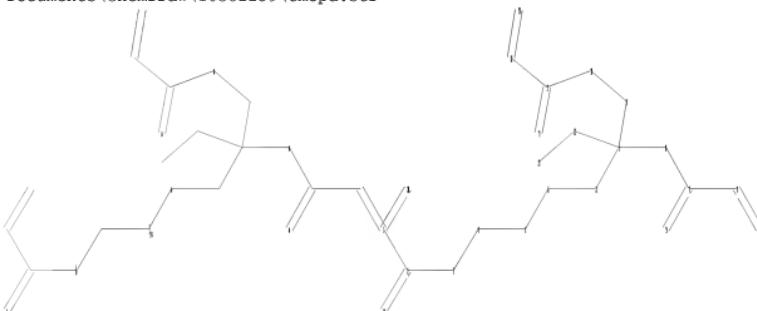
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FULL SCREEN SEARCH COMPLETED - 290342 TO ITERATE

100.0% PROCESSED 290342 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.04

L2 0 SEA SSS FUL L1

=>
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Documents\ChemDraw\10562239\tmopa.str



ring/chain nodes :
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ring/chain bonds :
1-20 1-2 2-19 2-3 3-4 4-5 5-6 6-21 7-9 7-8 7-21 7-22 8-13 9-10 10-11
11-12 11-17 12-18 13-14 13-15 14-16 22-23

exact/norm bonds :
1-20 1-2 4-5 7-9 7-21 7-22 11-12 12-18 13-14 14-16 22-23
exact bonds :
2-19 2-3 3-4 5-6 6-21 7-8 8-13 9-10 10-11 11-17 13-15

Match level :
1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS
10:CLASS 11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS
18:CLASS 19:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS

L3 STRUCTURE UPLOADED

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FULL SEARCH INITIATED 14:36:40 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 295044 TO ITERATE
100.0% PROCESSED 295044 ITERATIONS 8 ANSWERS
SEARCH TIME: 00.00.04

L4 8 SEA SSS FUL L3

=> file caplus
COST IN U.S. DOLLARS SINCE FILE TOTAL
FULL ESTIMATED COST ENTRY SESSION
371.76 371.98

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REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2009
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2009

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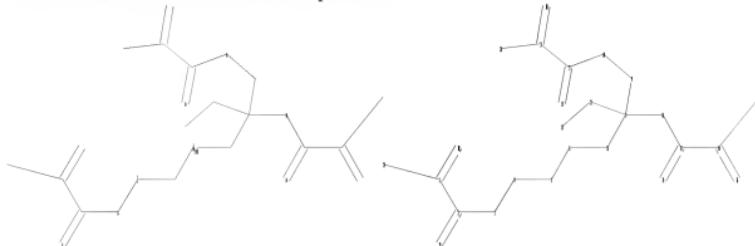
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Uploading C:\Documents and Settings\mpepitone\My
Documents\ChemDraw\10562239\tmop5.str



chain nodes :

24 25 26

ring/chain nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23

chain bonds :

1-24 12-26 14-25

ring/chain bonds :

1-20 1-2 2-19 2-3 3-4 4-5 5-6 6-21 7-9 7-8 7-21 7-22 8-13 9-10 10-11

11-12 11-17 12-18 13-14 13-15 14-16 22-23

exact/norm bonds :

1-20 1-2 4-5 7-9 7-21 7-22 11-12 12-18 13-14 14-16 22-23

exact bonds :

1-24 2-19 2-3 3-4 5-6 6-21 7-8 8-13 9-10 10-11 11-17 12-26 13-15 14-25

Match level :
1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS
10:CLASS 11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS
18:CLASS 19:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS 24:CLASS 25:CLASS
26:CLASS

L6 STRUCTURE uploaded

=> s 16 sss full
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FULL SCREEN SEARCH COMPLETED - 290342 TO ITERATE

100.0% PROCESSED 290342 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.04

L7 0 SEA SSS FUL L6

=> log
ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF
LOGOFF? (Y)/N/HOLD:y
COST IN U.S. DOLLARS SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST 185.88 593.20
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) SINCE FILE TOTAL
ENTRY SESSION
CA SUBSCRIBER PRICE 0.00 -4.92

STN INTERNATIONAL LOGOFF AT 14:39:09 ON 20 OCT 2009